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POWER-UP CURRENT CONSUMPTION FOR METASTABLE 72Mb SRAM IN 90nm (9sf)

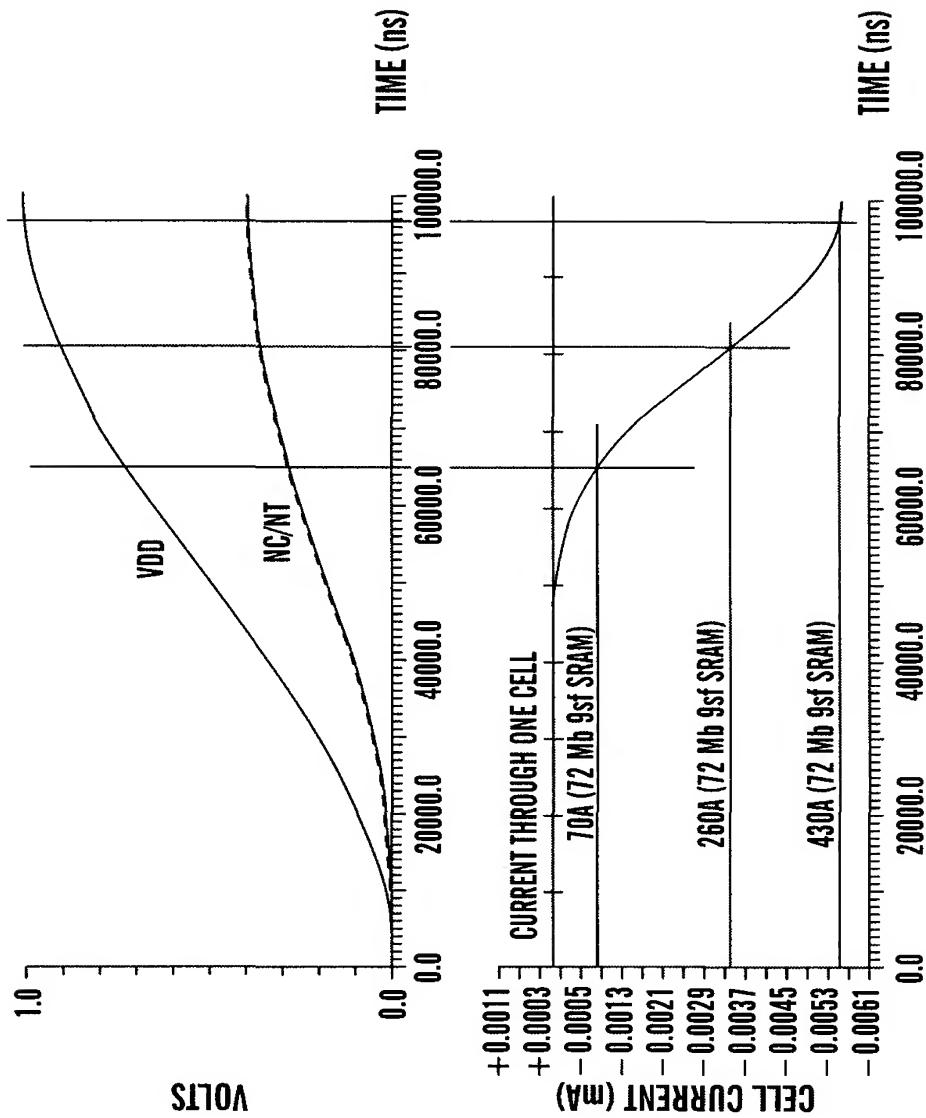


FIG. 1

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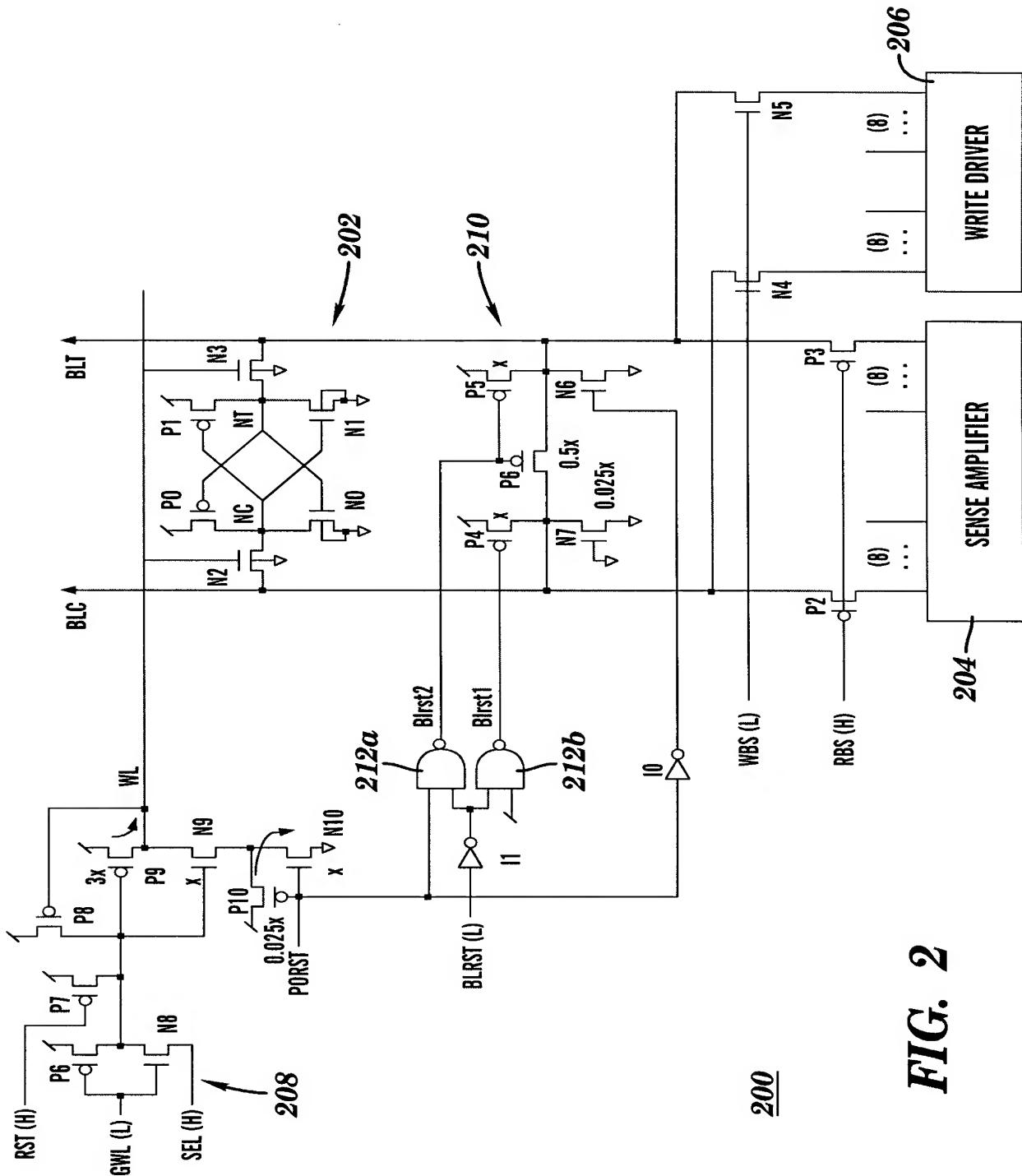
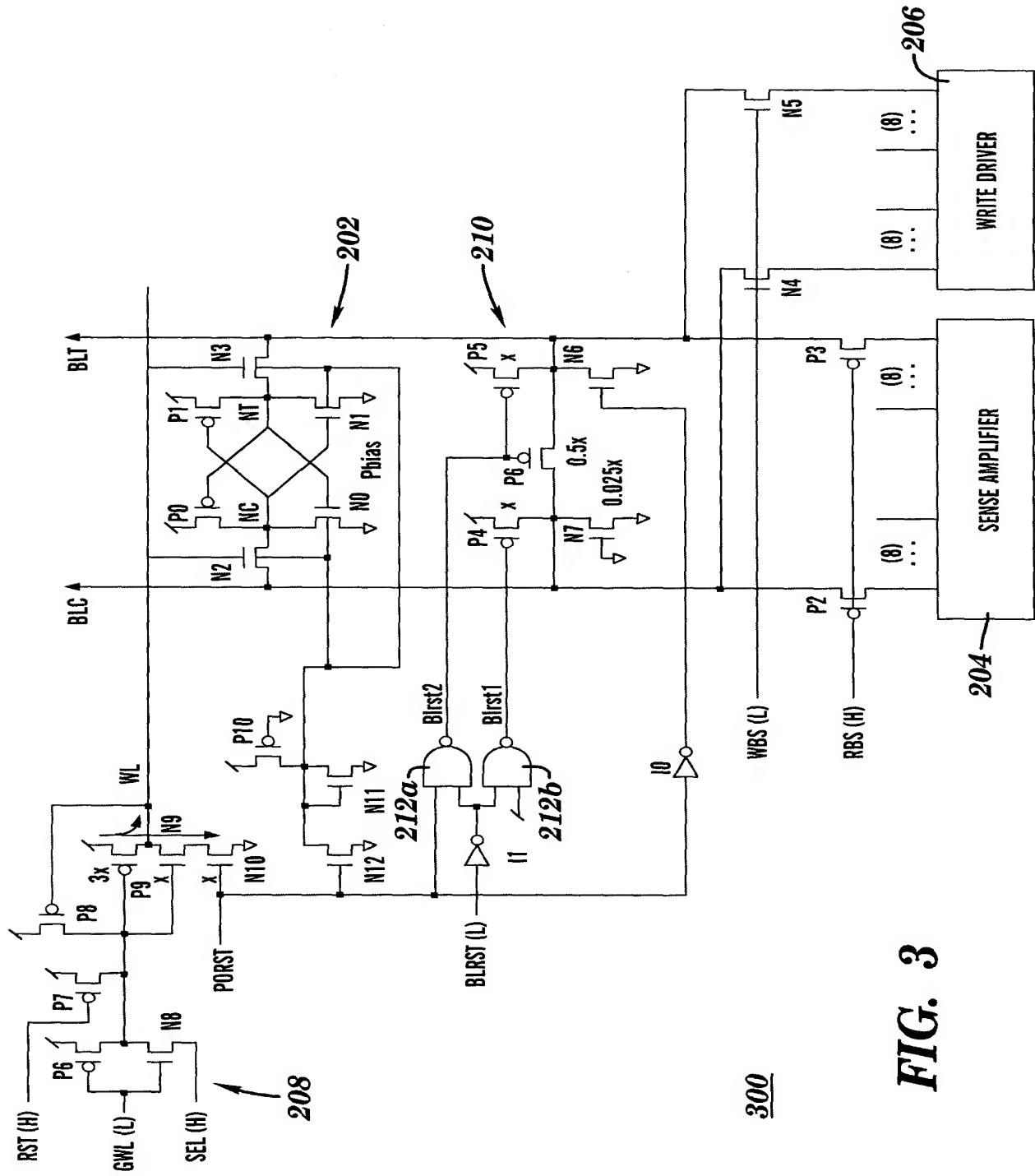


FIG. 2

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**FIG. 3**300

206

WRITE DRIVER

SENSE AMPLIFIER

204

N5

N4

P3

RBS (H)

WBS (L)

N5

(0) .. (0) .. (0) ..

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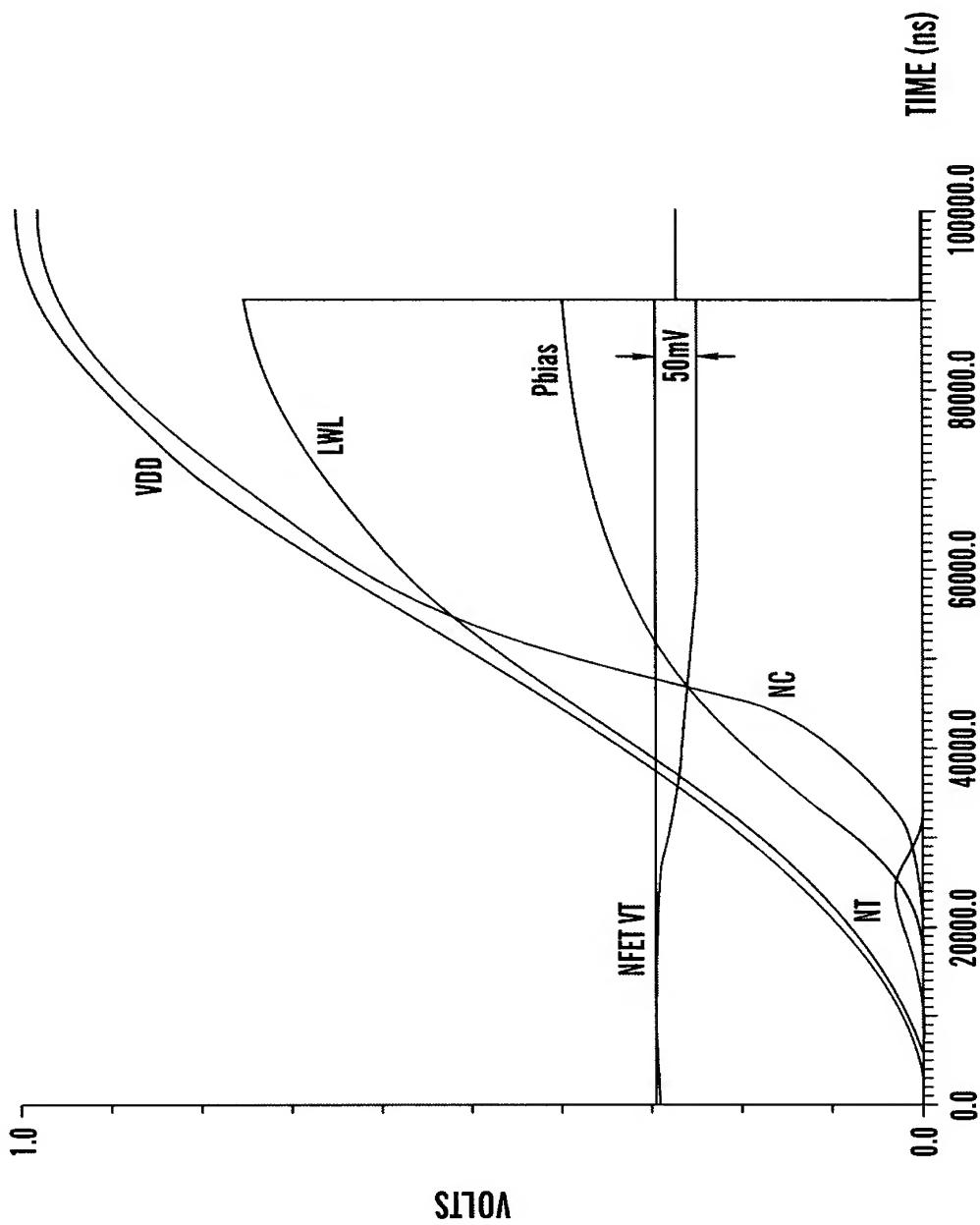
POWER-UP WAVEFORMS WITH $1\mu\text{A}$ CURRENT SOURCE TO VSS ON CELL NODE NC

FIG. 4